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KnK Genesis SX6 - Safety Fast

The KnK Genesis SX6 stands among the safest rental karts available today. Built to meet the safety requirements for recreation karts recommended by the CiK FIA. It has also passed the extremely stringent safety requirements laid out for go karting by Israel. These requirements are considered in the rental kart building industry to be one of the most demanding and stringent in the world.



The KnK Genesis SX6 is built on an extremely strong chassis made from special steel alloy, the chassis' are individually inspected for alignment using lasers to determine accuracy.

An almost indestructible polymer guardrail system is mounted on a floating platform that isolates it completely by providing an integral shock absorption system that dissipates impact energy through "progressively decelerating" the energy from impacts by using compression and elongation of specially formulated energy isolators located between the chassis and the guardrail around the entire kart. Excessive energy from abnormally high impacts, though rare, are taken care of by specially designed, replaceable, "self sacrificial" crumple sections fitted to the chassis at the zones that are prone to receiving the highest impacts. Replaceable crumple zones is a first in the karting industry.



Replaceable crumple zones



Roll Hoop & 4 point Seat Belt

A strong roll hoop protects the driver who is strapped into the seat using a four-point safety harness. Other areas where the safe build is seen is with the steering mount system, the large area slip resisting aluminum floor trays, the double protection heat shield round the hot exhaust, the pivoting contoured rear axle cover, the adjustable pedal system with the popular TABOO system that over-rides the pedals and disconnects accelerator in case of panic situations when both pedals are activated simultaneously. There are other features as well, like the twin cable actuated brake caliper that permits the brakes to operate in case one cable should fail.

The painstakingly aligned chassis lowers rolling resistance and allows more of the power from the engine to be delivered to the track making for higher speeds and more thrills, while the KnK steering geometry permits the kart to be driven with minimum fatigue to the driver, painful shoulders from muscling the kart around bends is something the KnK Genesis SX6 doesn't have in its vocabulary. A tilt adjustable steering wheel helps the driver achieve the most comfortable driving position.

The KnK Genesis SX6 is the most "together" kart ever built, practical in its layout with convenience towards maintenance being upper most to its design to enable quick and easy access to adjustments as well as maintenance. Split bearing housings makes replacing the rear axle a breeze.

There is so much more, but we need some place for images so we'll shorten the narrative.